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Telemetry signal collection, process and provision equipment

CROSS - REFERENCES TO RELATED APPLICATIONS

Not Applicable

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STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not Applicable

10 BRIEF SUMMARY OF THE INVENTION

This patent refers to an electronic equipment unit, which collects, process and transfers data from a certain area, which it monitors, to a telemetry system. Data are collected from various intrusion monitoring sensors (e.g. infra-red or microwave detectors), water level detectors, smoke detectors, electrical supply watchdogs etc. These data are suitably processed by the unit and the output is sent to a telemetry system via an external interface box. This unit is aimed primarily to be used inside cellular telephony antenna shelters and more particular in sealed type outdoor shelters which have a total space in the order of 3 m³ in contrast of the normal shelters which have the dimensions of a small room (about 35 m³). This electronic equipment unit consists of a metal case with detachable cover, an electronic printed circuit board, a lead battery, a 230/18 VAC transformer, interconnection wiring, special type supply and data cables.

25 BACKGROUND OF THE INVENTION

Today, similar equipment which collect, process and transfer data from a certain area which they monitor, to a remote information collection system sited at a great distance, are not specifically designed and manufactured for the above mentioned intended application inside cellular